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Prepared for: Megan Bruns, Federal Program Manager

From: National Security Research Center (NSRC), Los Alamos National Laboratory (LANL)

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- Completed: 1. the initial tests of document workflows for Titan on the Red, which included standing up a software encryption capability to test data ingestion; 2. a software encryption capability in order to ingest the first data source by the end of the month; 3. a stand-alone computer for classified ontology data entry. Titan on the Red is an artificial intelligence/machine learning system to make digitizing, cataloging, and searching NSRC collections easier and more efficient.
- Created Online Vault backups, with one copy stored at LANL and one shipped to Lawrence Livermore National Laboratory. The Online Vault is a classified, searchable library of LANL's nuclear weapons design and test history.
- Imported new Laboratory Directed Research and Development (LDRD) documents based on revised access categories.
- Bulk ingested nearly 10,000 documents via java-based PowerLoader. This application ingests metadata and content into the Online Vault to meet the requirements for the NSRC collections.
- Rehoused 300 linear feet of weapons physics documents in archival, acid-free storage folders and boxes.

